

interference search

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|----------|------------------|---------|------------------|
| L9 | 38 | clean\$4 and motor and brush and orbit\$2.clm. | US-PGPUB | OR | OFF | 2007/08/09 14:41 |
| L10 | 45 | clean\$4 and motor and brush and orbit\$2.clm. | US-PGPUB | OR | ON | 2007/08/09 14:42 |
| L11 | 24 | (clean\$4 and motor and brush and attachment).clm. | US-PGPUB | OR | ON | 2007/08/09 14:42 |
| L12 | 16 | (clean\$4 and motor and brush and carrier).clm. | US-PGPUB | OR | ON | 2007/08/09 14:42 |
| L13 | 3 | (clean\$4 and motor and scrub and carrier).clm. | US-PGPUB | OR | ON | 2007/08/09 14:39 |
| L14 | 3 | (clean\$4 and motor and scrub\$4 and carrier).clm. | US-PGPUB | OR | ON | 2007/08/09 14:40 |
| L15 | 9 | (clean\$4 and motor and attachment and carrier).clm. | US-PGPUB | OR | ON | 2007/08/09 14:40 |
| L16 | 2 | (clean\$4 and motor and attachment and scrub).clm. | US-PGPUB | OR | ON | 2007/08/09 14:40 |
| L17 | 6 | (clean\$4 and motor and attachment and scrub\$4).clm. | US-PGPUB | OR | ON | 2007/08/09 14:40 |
| L18 | 14 | (clean\$4 and motor and bristle and scrub\$4).clm. | US-PGPUB | OR | ON | 2007/08/09 14:42 |
| L19 | 72 | (clean\$4 and motor and bristle and remov\$4).clm. | US-PGPUB | OR | ON | 2007/08/09 14:41 |
| L20 | 186 | (clean\$4 and motor and brush and remov\$4).clm. | US-PGPUB | OR | ON | 2007/08/09 14:41 |
| L21 | 196 | (clean\$4 and motor\$4 and brush and remov\$4).clm. | US-PGPUB | OR | ON | 2007/08/09 14:41 |
| L22 | 46 | (clean\$4 and motor\$4 and reciproc\$4 and remov\$4).clm. | US-PGPUB | OR | ON | 2007/08/09 14:41 |
| L23 | 35 | (clean\$4 and motor\$4 and reciproc\$4 and brush\$3).clm. | US-PGPUB | OR | ON | 2007/08/09 14:41 |
| L24 | 5 | (clean\$4 and motor\$4 and brush and orbit\$2).clm. | US-PGPUB | OR | OFF | 2007/08/09 14:42 |
| L25 | 6 | (clean\$4 and motor and brush and orbit\$2).clm. | US-PGPUB | OR | ON | 2007/08/09 14:42 |
| L26 | 27 | (clean\$4 and motor\$4 and brush and attachment).clm. | US-PGPUB | OR | ON | 2007/08/09 14:42 |
| L27 | 18 | (clean\$4 and motor\$4 and brush and carrier).clm. | US-PGPUB | OR | ON | 2007/08/09 14:42 |
| L28 | 14 | (clean\$4 and motor\$4 and bristle and scrub\$4).clm. | US-PGPUB | OR | ON | 2007/08/09 14:42 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| L1 | 5826 | (15/4,97.1,22.1,22.2,98,49.1,50.1,50.2,52.2).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/09 13:11 |
| L2 | 322 | 1 and reciprocate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/09 13:11 |
| L3 | 408 | 1 and reciprocate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/09 13:32 |
| L4 | 172 | ("1117722" "2107636" "20020012741" "20020129835" "3024487" "3380095" "3444576" "3715772" "3943591" "4005502" "4158246" "4168560" "4217671" "4399578" "4549371" "4796321" "4799280" "4837981" "4917238" "5035684" "5074081" "5170588" "5202242" "5234615" "5381578" "5392568" "5402604" "5419737" "5423102" "5437571" "5450646" "5470272" "5471695" "5476409" "5482499" "5491896" "5495632" "5511269" "5533925" "5533926" "5558566" "5595531" "5607345" "5624302" "5637034" "5681213" "5697115" "5701625" "5709596" "5718014" "5725423" "5823016" "5842913" "5855504" "5860852" "5881418" "5885146" "5890249" "5906687" "5947804" "5950268" "5956792" "5978999" "6021573" "6065182" "6099397" "6120363" "6139411" "6179696" "6185781" "6248007" "6253405" "6353964" "6374447" "6434774" "6485360").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/09 13:33 |

EAST Search History

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|-----|----|---|--|----|-----|------------------|
| L5 | 9 | ("3251087" "3655444" "3657759" "6039639").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/09 13:34 |
| L6 | 81 | ("1117722" "2107636" "20020012741" "20020129835" "3024487" "3380095" "3444576" "3715772" "3943591" "4005502" "4158246" "4168560" "4217671" "4399578" "4549371" "4796321" "4799280" "4837981" "4917238" "5035684" "5074081" "5170588" "5202242" "5234615" "5381578" "5392568" "5402604" "5419737" "5423102" "5437571" "5450646" "5470272" "5471695" "5476409" "5482499" "5491896" "5495632" "5511269" "5533925" "5533926" "5558566" "5595531" "5607345" "5624302" "5637034" "5681213" "5697115" "5701625" "5709596" "5718014" "5725423" "5823016" "5842913" "5855504" "5860852" "5881418" "5885146" "5890249" "5906687" "5947804" "5950268" "5956792" "5978999" "6021573" "6065182" "6099397" "6120363" "6139411" "6179696" "6185781" "6248007" "6253405" "6353964" "6374447" "6434774" "6485360").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/09 13:33 |
| L7 | 5 | ("3251087" "3655444" "3657759" "6039639").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/09 13:39 |
| L8 | 10 | ("2590913" "20040031121" "3445877" "6037319" "6305044" "6493903" "6651286" "6725490").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/09 14:34 |
| L9 | 38 | clean\$4 and motor and brush and orbit\$2.clm. | US-PGPUB | OR | OFF | 2007/08/09 14:41 |
| L10 | 45 | clean\$4 and motor and brush and orbit\$2.clm. | US-PGPUB | OR | ON | 2007/08/09 14:42 |
| L11 | 24 | (clean\$4 and motor and brush and attachment).clm. | US-PGPUB | OR | ON | 2007/08/09 14:42 |
| L12 | 16 | (clean\$4 and motor and brush and carrier).clm. | US-PGPUB | OR | ON | 2007/08/09 14:42 |
| L13 | 3 | (clean\$4 and motor and scrub and carrier).clm. | US-PGPUB | OR | ON | 2007/08/09 14:39 |
| L14 | 3 | (clean\$4 and motor and scrub\$4 and carrier).clm. | US-PGPUB | OR | ON | 2007/08/09 14:40 |
| L15 | 9 | (clean\$4 and motor and attachment and carrier).clm. | US-PGPUB | OR | ON | 2007/08/09 14:40 |

EAST Search History

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|-----|------|---|------------------------------|----|-----|------------------|
| L16 | 2 | (clean\$4 and motor and attachment and scrub).clm. | US-PGPUB | OR | ON | 2007/08/09 14:40 |
| L17 | 6 | (clean\$4 and motor and attachment and scrub\$4).clm. | US-PGPUB | OR | ON | 2007/08/09 14:40 |
| L18 | 14 | (clean\$4 and motor and bristle and scrub\$4).clm. | US-PGPUB | OR | ON | 2007/08/09 14:42 |
| L19 | 72 | (clean\$4 and motor and bristle and remov\$4).clm. | US-PGPUB | OR | ON | 2007/08/09 14:41 |
| L20 | 186 | (clean\$4 and motor and brush and remov\$4).clm. | US-PGPUB | OR | ON | 2007/08/09 14:41 |
| L21 | 196 | (clean\$4 and motor\$4 and brush and remov\$4).clm. | US-PGPUB | OR | ON | 2007/08/09 14:41 |
| L22 | 46 | (clean\$4 and motor\$4 and reciproc\$4 and remov\$4).clm. | US-PGPUB | OR | ON | 2007/08/09 14:41 |
| L23 | 35 | (clean\$4 and motor\$4 and reciproc\$4 and brush\$3).clm. | US-PGPUB | OR | ON | 2007/08/09 14:41 |
| L24 | 5 | (clean\$4 and motor\$4 and brush and orbit\$2).clm. | US-PGPUB | OR | OFF | 2007/08/09 14:42 |
| L25 | 6 | (clean\$4 and motor and brush and orbit\$2).clm. | US-PGPUB | OR | ON | 2007/08/09 14:42 |
| L26 | 27 | (clean\$4 and motor\$4 and brush and attachment).clm. | US-PGPUB | OR | ON | 2007/08/09 14:42 |
| L27 | 18 | (clean\$4 and motor\$4 and brush and carrier).clm. | US-PGPUB | OR | ON | 2007/08/09 14:42 |
| L28 | 14 | (clean\$4 and motor\$4 and bristle and scrub\$4).clm. | US-PGPUB | OR | ON | 2007/08/09 14:42 |
| S1 | 1027 | (15/22.1).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/08/09 12:38 |
| S2 | 308 | S1 not toothbrush | US-PGPUB; USPAT | OR | OFF | 2005/01/05 10:03 |
| S3 | 16 | ((("1117722") or ("2107636") or ("3024487") or ("3380095") or ("3444576") or ("3715772") or ("3943591") or ("4005502") or ("4158246") or ("4168560") or ("4217671"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/05 10:06 |
| S4 | 11 | ((("4399578") or ("4549371") or ("4796321") or ("4799280") or ("4837981") or ("4917238") or ("5035684") or ("5074081") or ("5170588") or ("5234615") or ("5381578"))).PN. | US-PGPUB; USPAT | OR | OFF | 2005/01/05 10:09 |

EAST Search History

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|-----|---------|---|------------------------------|----|-----|------------------|
| S5 | 76 | ("1117722" "2107636" "3024487" "3380095" "3444576" "3715772" "3943591" "4005502" "4158246" "4168560" "4217671" "4399578" "4549371" "4796321" "4799280" "4837981" "4917238" "5035684" "5074081" "5170588" "5234615" "5381578" "5392568" "5402604" "5419737" "5423102" "5437571" "5450646" "5470272" "5471695" "5476409" "5482499" "5491896" "5495632" "5511269" "5533926" "5533925" "5558566" "5595531" "5607345" "5624302" "5637034" "5681213" "5697115" "5701625" "5709596" "5718014" "5725423" "5823016" "5842913" "5855504" "5860852" "5881418" "5885146" "5890249" "5906687" "5947804" "5950268" "5956792" "5978999" "6021573" "6065182" "6099397" "6120363" "6139411" "6179696" "6185781" "5202242" "6248007" "6253405" "6353964" "6374447" "6434774" "6485360" "20020129835" "20020012741").PN. | US-PGPUB; USPAT | OR | OFF | 2005/01/05 10:22 |
| S6 | 11 | "3655444" | US-PGPUB; USPAT | OR | OFF | 2005/01/05 10:23 |
| S7 | 6 | ("3943921").URPN. | USPAT | OR | OFF | 2005/01/05 10:53 |
| S8 | 0 | ("2590913").URPN. | USPAT | OR | OFF | 2005/01/05 10:55 |
| S9 | 717 | (15/4).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/05 10:55 |
| S10 | 1671 | (15/4,97.1).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/05 10:55 |
| S11 | 1099 | (15/4,97.1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/25 10:37 |
| S12 | 3111504 | "15"/(S6 and "97.1").ccls. | US-PGPUB; USPAT | OR | OFF | 2005/01/06 08:52 |
| S13 | 0 | "15"/4.ccls. and "97".S3.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/01/05 11:14 |
| S14 | 27 | "15"/4.ccls. and 15/97.1.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/01/05 11:19 |
| S15 | 432 | (15/4).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/01/05 11:42 |
| S16 | 19 | S15 and battery | US-PGPUB; USPAT | OR | OFF | 2005/01/05 11:43 |
| S17 | 1086 | 15/97.1 | US-PGPUB; USPAT | OR | OFF | 2005/01/05 11:43 |

EAST Search History

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|-----|--------|--|------------------------------|----|-----|------------------|
| S18 | 694 | (15/97.1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/01/05 15:21 |
| S19 | 131 | S17/\$.ccls. and (pack\$ same clean\$ same solution) | US-PGPUB; USPAT | OR | OFF | 2005/10/25 11:04 |
| S20 | 33 | ("5234615").URPN. | USPAT | OR | OFF | 2005/01/05 15:24 |
| S21 | 1029 | (15/22.1).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/05 16:32 |
| S22 | 31 | S21 and RPM | US-PGPUB; USPAT | OR | OFF | 2005/01/05 16:40 |
| S23 | 67 | S17 and RPM | US-PGPUB; USPAT | OR | OFF | 2005/01/05 16:40 |
| S24 | 88 | (peel adj off) same clean\$ same solution | US-PGPUB; USPAT | OR | OFF | 2005/01/06 08:44 |
| S25 | 1032 | (15/22.1).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/06 08:49 |
| S26 | 88 | S25 and (lamp or light) | US-PGPUB; USPAT | OR | OFF | 2005/01/06 08:50 |
| S27 | 1099 | (15/4,97.1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/01/06 08:52 |
| S28 | 133 | S27 and (lamp or light) | US-PGPUB; USPAT | OR | OFF | 2005/01/06 08:53 |
| S29 | 7928 | lamp same vacuum | US-PGPUB; USPAT | OR | OFF | 2005/01/06 08:54 |
| S30 | 87 | "15"/\$.ccls. and lamp same vacuum | US-PGPUB; USPAT | OR | OFF | 2005/01/06 09:26 |
| S31 | 612914 | 15/97.1, "98" | US-PGPUB; USPAT | OR | OFF | 2005/01/06 09:26 |
| S32 | 1690 | (15/97.1,98).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/06 09:27 |
| S33 | 15 | S32 and polish same fluid | US-PGPUB; USPAT | OR | OFF | 2005/01/06 09:29 |
| S34 | 6 | S32 and impregnate\$ same fluid | US-PGPUB; USPAT | OR | OFF | 2005/01/06 09:30 |
| S35 | 646 | 15/97.1 | US-PGPUB; USPAT | OR | OFF | 2005/06/23 16:05 |
| S36 | 0 | S35/\$.ccls. and (pack\$ same clean\$ same solution) | US-PGPUB; USPAT | OR | OFF | 2005/06/23 16:05 |
| S37 | 4 | S35 and (pack\$ same clean\$ same solution) | US-PGPUB; USPAT | OR | OFF | 2005/06/23 16:05 |

EAST Search History

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|-----|------|---|---|----|-----|------------------|
| S38 | 39 | ("3186869" "3277009" "3322674" "3528921" "3784005" "3790067" "3859125" "3919678" "4188304" "4285841" "4416791" "4622161" "4747976" "4820435" "4846992" "4973416" "5015513" "5035930" "5042228" "5043196" "5080819" "5132036" "5158810" "5234615" "5248038" "5253759" "5280835" "5294361" "5310568" "5316688" "5316689" "5328025" "5330047" "5351831" "5389425").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/23 16:09 |
| S39 | 9 | ("6037319").URPN. | USPAT | OR | OFF | 2005/06/23 16:43 |
| S40 | 621 | 15/97.1 | USPAT | OR | OFF | 2005/06/23 16:43 |
| S41 | 701 | (15/97.1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/06/23 16:44 |
| S42 | 255 | S41 and (fluid or solution or liquid) | US-PGPUB; USPAT | OR | OFF | 2005/06/23 16:44 |
| S43 | 860 | 15/22.1 | US-PGPUB; USPAT | OR | OFF | 2005/06/24 09:06 |
| S44 | 16 | prineppi.in. | US-PGPUB; USPAT | OR | OFF | 2005/06/24 08:32 |
| S45 | 27 | "0132095" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/24 09:06 |
| S46 | 8 | ("3451758" "4011172" "4188304" "4286016" "4416791" "4515703" "4674237").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/24 09:44 |
| S47 | 24 | ("4820435").URPN. | USPAT | OR | OFF | 2005/06/24 09:44 |
| S48 | 1113 | (15/22.1).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/25 14:54 |
| S49 | 875 | S48 | US-PGPUB; USPAT | OR | OFF | 2005/10/25 10:37 |
| S50 | 0 | ("s000011").PN. | US-PGPUB; USPAT | OR | OFF | 2005/10/25 10:38 |
| S51 | 1116 | (15/4,97.1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/25 15:04 |
| S52 | 1116 | S51 | US-PGPUB; USPAT | OR | OFF | 2005/10/25 10:39 |
| S53 | 26 | S52 and (hook same loop) | US-PGPUB; USPAT | OR | OFF | 2005/10/25 10:39 |
| S54 | 661 | 15/97.1 | US-PGPUB; USPAT | OR | OFF | 2005/10/25 11:04 |

EAST Search History

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|-----|--------|---|----------------------------------|----|-----|------------------|
| S55 | 0 | S54/\$.ccls. and (pack\$ same clean\$ same solution) | US-PGPUB; USPAT | OR | OFF | 2005/10/25 11:04 |
| S56 | 0 | S55 | US-PGPUB; USPAT | OR | OFF | 2005/10/25 11:04 |
| S57 | 0 | ("10114780").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/25 14:14 |
| S58 | 2 | "10114780" | US-PGPUB; USPAT | OR | OFF | 2005/10/25 14:15 |
| S59 | 3 | "10027594" | US-PGPUB; USPAT | OR | OFF | 2005/10/25 14:15 |
| S60 | 54 | S48 and orbital | US-PGPUB; USPAT | OR | OFF | 2005/10/25 14:30 |
| S61 | 301 | (15/22.2).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/25 15:04 |
| S62 | 421679 | S61 and figure eight | US-PGPUB; USPAT | OR | OFF | 2005/10/25 14:56 |
| S63 | 6 | S61 and figure same eight | US-PGPUB; USPAT | OR | OFF | 2005/10/25 15:00 |
| S64 | 69768 | S62/\$.ccls.brush\$ and rotate\$ and orbit\$ and reciprocate\$ | US-PGPUB; USPAT | OR | OFF | 2005/10/25 15:02 |
| S65 | 72 | S62/\$.ccls. and brush\$ and rotate\$ and orbit\$ and reciprocate\$ | US-PGPUB; USPAT | OR | OFF | 2005/10/25 15:04 |
| S66 | 0 | S62/\$.ccls. and brush\$ and rotate\$ and orbit\$ and reciprocate\$ | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/25 15:04 |
| S67 | 18 | (15/22.2).CCLS. | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/25 15:04 |
| S68 | 123 | (15/4,97.1).CCLS. | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/25 15:10 |
| S69 | 223 | (15/98,49.1,50.1,50.2,52.2).CCLS. | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/25 15:10 |
| S70 | 1487 | (15/98,49.1,50.1,50.2,52.2).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/10/25 15:10 |
| S71 | 1421 | S70 not S51 | US-PGPUB; USPAT | OR | OFF | 2005/10/25 15:10 |
| S72 | 1406 | S71 not S48 | US-PGPUB; USPAT | OR | OFF | 2005/10/25 15:11 |
| S73 | 1386 | S72 not S61 | US-PGPUB; USPAT | OR | OFF | 2005/10/25 15:29 |

EAST Search History

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|-----|------|--|------------------------------|----|-----|------------------|
| S74 | 30 | S73 and orbit\$ | US-PGPUB; USPAT | OR | OFF | 2005/10/25 15:13 |
| S75 | 8 | S73 and impregnate\$ | US-PGPUB; USPAT | OR | OFF | 2005/10/25 15:14 |
| S76 | 2 | S73 and packet | US-PGPUB; USPAT | OR | OFF | 2005/10/25 15:14 |
| S77 | 7 | S73 and rupture | US-PGPUB; USPAT | OR | OFF | 2005/10/25 15:14 |
| S78 | 38 | S62/\$.cccls. and (snap same hook adj loop) | US-PGPUB; USPAT | OR | OFF | 2005/10/25 15:30 |
| S79 | 16 | "5,493,749" | US-PGPUB; USPAT | OR | OFF | 2005/10/25 15:46 |
| S80 | 1315 | peel adj off and perforat\$3 | US-PGPUB; USPAT | OR | OFF | 2006/08/09 09:04 |
| S81 | 1315 | (peel adj off) and perforat\$3 | US-PGPUB; USPAT | OR | OFF | 2006/08/09 09:04 |
| S82 | 420 | S81 and clean\$3 | US-PGPUB; USPAT | OR | OFF | 2006/08/09 09:04 |
| S83 | 25 | ("1149946" "2209914" "2576550" "2576551" "2695704" "2889922" "3246444" "3334804" "3362776" "3635567" "4127339" "4269527" "4526273" "4840270" "5373966" "5380110").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/09 09:48 |
| S84 | 20 | ("5380110").URPN. | USPAT | OR | OFF | 2006/08/09 10:01 |

EAST Search History

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|-----|------|--|------------------------------|----|-----|------------------|
| S85 | 107 | ("0926462" "1431210" "1511969" "1690960" "1705249" "1836833" "1925019" "2044428" "2121701" "2157543" "2165420" "2187163" "2190376" "2319873" "2390921" "2419896" "2528812" "2576834" "2835911" "2878967" "2932841" "3006023" "3007192" "3053385" "3143276" "3214783" "3369267" "3369709" "3386793" "3472675" "3491396" "3630346" "3647305" "3707012" "3806260" "3826259" "3899080" "3969026" "4007838" "4111666" "4127339" "4142334" "4304562" "4420080" "4422546" "4515703" "4596481" "4627129" "4643725" "4665580" "4683001" "4706693" "4735335" "4738887" "4739879" "4751934" "4762124" "4776356" "4787374" "4840270" "4913307" "4963045" "4995408" "5123431" "5123764" "5125529" "5161688" "5263609" "5373966" "5380110" "5401113" "5434194" "5487932" "5562112" "5647941" "5904151").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/09 10:03 |
| S86 | 16 | "5701625" | US-PGPUB; USPAT | OR | OFF | 2006/08/09 13:32 |
| S87 | 143 | cleaning adj pad same foam | US-PGPUB; USPAT | OR | OFF | 2006/08/09 13:34 |
| S88 | 2455 | foam same brush | US-PGPUB; USPAT | OR | OFF | 2006/08/09 13:35 |
| S89 | 656 | foam same brush same clean\$ | US-PGPUB; USPAT | OR | OFF | 2006/08/09 13:35 |
| S90 | 466 | foam same brush same clean\$ | USPAT | OR | OFF | 2006/08/09 13:40 |
| S91 | 670 | foam same pad same clean\$ | USPAT | OR | OFF | 2006/08/09 13:41 |
| S92 | 197 | "15"/\$.ccls. and (foam same pad same clean\$) | USPAT | OR | OFF | 2006/08/09 14:18 |
| S93 | 422 | interrupt adj switch | USPAT | OR | OFF | 2006/08/09 14:19 |
| S94 | 12 | "15"/\$.ccls. and (interrupt adj switch) | USPAT | OR | OFF | 2006/08/09 14:19 |
| S95 | 5 | clean\$3 and (packet or pouch) and perforat\$4 and ((peel adj off) near (layer or cover)) | US-PGPUB; USPAT | OR | OFF | 2007/02/12 09:54 |

EAST Search History

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|----------|-----|---|--|----|-----|------------------|
| S96 | 5 | clean\$3 and (packet or pouch) and perforat\$4 and ((peel adj off) near (layer or cover)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/12 09:55 |
| S97 | 19 | (packet or pouch) and perforat\$4 and ((peel adj off) near (layer or cover)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/12 13:11 |
| S98 | 516 | 15/230 | US-PGPUB; USPAT | OR | OFF | 2007/02/12 13:11 |
| S99 | 54 | S98 and (velcro or (hook adj loop)) | US-PGPUB; USPAT | OR | OFF | 2007/02/12 13:13 |
| S10 0 | 7 | S99 and rpm | US-PGPUB; USPAT | OR | OFF | 2007/02/12 13:13 |
| S10 1 | 123 | "15"/\$.ccls. and (triang\$\$ same pad) | US-PGPUB; USPAT | OR | OFF | 2007/05/31 10:36 |
| S10 2 | 222 | "15"/\$.ccls. and (triang\$\$ same pad) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/31 10:37 |